

Breast Cancer Screening

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MEASURE DESCRIPTION:

#90- BREAST CANCER SCREEN indicates the percentage of women, aged 52 to 74 years at the end of the measurement period, who had a mammogram done during a 27- month measurement period. This excludes women who had a bilateral mastectomy or two unilateral mastectomies 14 or more days apart anytime prior to or during the measurement period, based on claims included in the database. It also excludes women who used any hospice services during the measurement year.

PROPRIETARY STATUS: The measure specification methodology used by the IBM Corporation uses Breast Cancer Screening (BCS)- Uncertified, Adjusted, Unaudited HEDIS; NCQA (owner) 2020; NQF (#2372) Endorsed

DEVIATIONS FROM HEDIS

None

ALLOWABLE ADJUSTMENTS:

Measurement year was defined to end on December 31. This rule can be run using any end date but does abide by the number of months for the criteria.

MEASURE PACKAGE: Physician and Health Plan Focus

MINIMUM DATA REQUIREMENTS (months): 27

MEASURE DETAILS:

DENOMINATOR:

Women aged 52-74 as of the end of the measurement year

EXCLUSIONS:

Excludes patients that are 81 years of age and older with frailty, age 66-80 years of age with frailty and advanced illness or is in hospice care during the measurement year.

[Note: These exclusion criteria are required. Therefore, they need to be applied to denominator results before the numerator is calculated.]

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| Hospice services during the measurement year | CPT/HCPCS Procedure Code = 99377, 99378, G0182, G9473-G9479, Q5003-Q5008, Q5010, S9126, T2042-T2046 or Revenue Code UB = 0115, 0125, 0135, 0145, 0155, 0235, 0650-0652, 0655-0659 |
| AND | |
| Members age 81 and older with frailty during the measurement year during the measurement year. Note: Set index to check to look at birthdate to include Age 81 years of Age and Older at the end of the measurement year | CPT/HCPCS Procedure Code = 99504, 99509, E0100, E0105, E0130, E0135, E0140, E0141, E0143, E0144, E0147, E0148, E0149, E0163, E0165, E0167, E0168, E0170, E0171, E0250, E0251, E0255, E0256, E0260, E0261, E0265, E0266, E0270, E0290, E0291, E0292, E0293, E0294, E0295, E0296, E0297, E0301, E0302, E0303, E0304, E0424, E0425, E0430, E0431, E0433, E0434, E0435, E0439, E0440, E0441, E0442, E0443, E0444, E0462, E0465, E0466, E0470, E0471, E0472, E0561, E0562, E1130, E1140, E1150, E1160, E1161, E1240, E1250, E1260, E1270, E1280, E1285, E1290, E1295, E1296, E1297, E1298, G0162, G0299, G0300, G0493, G0494, S0271, S0311, S9123, S9124, T1000, T1001, T1002, T1003, T1004, T1005, T1019, T1020, T1021, T1022, T1030, T1031 or ICD10 Diagnosis Code = L89119, L89139, L89149, L89159, L89209, L89309, L89899, L8990, M6250, M6281, M6284, R260, R261, R262, R2689, R269, R4181, R531, R5381, R5383, R54, R627, R634, R636, R64, W010XXA, W010XXD, W010XXS, W0110XA, W0110XD, W0110XS, W01110A, W01110D, W01110S, W01111A, W01111D, W01111S, W01118A, W01118D, W01118S, W01119A, W01119D, W01119S, W01190A, W01190D, W01190S, W01198A, W01198D, W01198S, W06XXXA, W06XXXD, W06XXXS, W07XXXA, W07XXXD, W07XXXS, W08XXXA, W08XXXD, W08XXXS, W100XXA, W100XXD, W100XXS, W101XXA, W101XXD, W101XXS, W102XXA, W102XXD, W102XXS, W108XXA, W108XXD, W108XXS, W109XXA, W109XXD, W109XXS, W1800XA, W1800XD, W1800XS, W1802XA, W1802XD, W1802XS, W1809XA, W1809XD, W1809XS, W1811XA, W1811XD, W1811XS, W1812XA, W1812XD, W1812XS, W182XXA, W182XXD, W182XXS, W1830XA, W1830XD, W1830XS, W1831XA, W1831XD, W1831XS, W1839XA, W1839XD, W1839XS, W19XXXA, W19XXXD, W19XXXS, Y92199, Z593, Z736, Z7401, Z7409, Z741, Z742, Z743, Z748, Z749, Z9181, Z9911, Z993, Z9981, Z9989 |
| OR | |

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| <p>(Frailty Value Set Age 66 years or older at the end of the measurement year during the measurement year or on eyear prior to the measurement year. Note: Set index to check to look at birthdate to include Age 66 years of age and Older at the end of the measurement year</p> | <p>CPT/HCPCS Procedure Code = 99504, 99509, E0100, E0105, E0130, E0135, E0140, E0141, E0143, E0144, E0147, E0148, E0149, E0163, E0165, E0167, E0168, E0170, E0171, E0250, E0251, E0255, E0256, E0260, E0261, E0265, E0266, E0270, E0290, E0291, E0292, E0293, E0294, E0295, E0296, E0297, E0301, E0302, E0303, E0304, E0424, E0425, E0430, E0431, E0433, E0434, E0435, E0439, E0440, E0441, E0442, E0443, E0444, E0462, E0465, E0466, E0470, E0471, E0472, E0561, E0562, E1130, E1140, E1150, E1160, E1161, E1240, E1250, E1260, E1270, E1280, E1285, E1290, E1295, E1296, E1297, E1298, G0162, G0299, G0300, G0493, G0494, S0271, S0311, S9123, S9124, T1000, T1001, T1002, T1003, T1004, T1005, T1019, T1020, T1021, T1022, T1030, T1031</p> <p>or</p> <p>ICD10 Diagnosis Code = L89119, L89139, L89149, L89159, L89209, L89309, L89899, L8990, M6250, M6281, M6284, R260, R261, R262, R2689, R269, R4181, R531, R5381, R5383, R54, R627, R634, R636, R64, W010XXA, W010XXD, W010XXS, W0110XA, W0110XD, W0110XS, W01110A, W01110D, W01110S, W01111A, W01111D, W01111S, W01118A, W01118D, W01118S, W01119A, W01119D, W01119S, W01190A, W01190D, W01190S, W01198A, W01198D, W01198S, W06XXXXA, W06XXXXD, W06XXXXS, W07XXXXA, W07XXXXD, W07XXXXS, W08XXXXA, W08XXXXD, W08XXXXS, W100XXA, W100XXD, W100XXS, W101XXA, W101XXD, W101XXS, W102XXA, W102XXD, W102XXS, W108XXA, W108XXD, W108XXS, W109XXA, W109XXD, W109XXS, W1800XA, W1800XD, W1800XS, W1802XA, W1802XD, W1802XS, W1809XA, W1809XD, W1809XS, W1811XA, W1811XD, W1811XS, W1812XA, W1812XD, W1812XS, W182XXA, W182XXD, W182XXS, W1830XA, W1830XD, W1830XS, W1831XA, W1831XD, W1831XS, W1839XA, W1839XD, W1839XS, W19XXXXA, W19XXXXD, W19XXXXS, Y92199, Z593, Z736, Z7401, Z7409, Z741, Z742, Z743, Z748, Z749, Z9181, Z9911, Z993, Z9981, Z9989</p> |
| <p>AND</p> | |
| <p>(Two Outpatient, ED, Observation, or Nonacute Inpatient visits with a Diagnosis of Advanced Illness during the measurement year or one year prior to the measurement year. Note: each visit needs to be on a different date of service from either current or prior measurement year</p> | <p>(ICD10 Diagnosis Code = A8100, A8101, A8109, C250-C254, C257-C259, C710-C719, C770- C775, C778-C7802, C781, C782, C7830, C7839, C784-C787, C7880, C7889, C7900-C7902, C7910, C7911, C7919, C792, C7931, C7932, C7940, C7949, C7951, C7952, C7960-C7962, C7970, C7971, C7972, C7981, C7982, C7989, C799, C9100, C9102, C9200, C9202, C9300, C9302, C9390, C9392, C93Z0, C93Z2, C9430, C9432, F0150, F0151, F0280, F0281, F0390, F0391, F04, F1027, F1096, F1097, G10, G1221, G20, G300, G301, G308, G309, G3101, G3109, G3183, I0981, I110, I120, I130, I1311, I132, I501, I5020, I5021, I5022, I5023, I5030, I5031, I5032, I5033, I5040, I5041, I5042, I5043, I50810, I50811, I50812, I50813, I50814, I5082, I5083, I5084, I5089, I509, J430, J431, J432, J438, J439, J684, J8410, J84112, J8417, J9610, J9611, J9612, J9620, J9621, J9622, J9690, J9691, J9692, J982, J983, K7010, K7011, K702, K7030, K7031, K7040, K7041, K709, K740, K741, K742, K744, K745, K7460, K7469, L89000-L89004, L89006, L89009-L89014, L89016-L89026, L89029, L89100, L89101-L89104, L89106, L89109-L89116, L89119-L89124, L89126, L89129, L89130-L89134, L89136, L89139-L89144, L89146, L89149- L89154, L89156, L89159, L89200-L89204, L89206, L89209-L89214, L89216, L89219-L89224, L89226, L89229, L89300-L89304, L89306, L89309-L89314, L89316, L89319-L89324, L89326, L89329, L8940-L8946, L89500-L89504, L89506, L89509-L89514, L89516, L89519-L89524, L89526, L89529, L89600-L89604, L89606, L89609-L89614, L89616, L89619-L89624, L89626, L89629, L89810-L89814, L89816, L89819-L89894, L89896, L89899-L8996, N185, N186</p> <p>and</p> <p>(CPT/HCPCS Procedure Code = 99201-99215, 99241-99245, 99341-99350, 99381-99397, 99401-99404, 99411-99412, 99421-99429, 99455, 99456, G0402, G0438, G0439, G0463, T1015, 99217-99220, 99281-99285, 99304-99318, 99324-99337</p> <p>or</p> <p>Revenue Code UB = 0510-0523, 0526-0529, 0982, 0983, 0450, 0451, 0452, 0456, 0459, 0981, 0118, 0128, 0138, 0148, 0158, 0190-0199, 0524, 0525, 0550-0559, 0660-0669</p> <p>or</p> <p>(Revenue Code = 0100, 0101, 0110-0124, 0126-0134, 0136-0144, 0146-0154, 0156-0160, 0164, 0167, 0169, 0170-0174, 0179, 0190-0194, 0199-0204, 0206-0214, 0219, 1000-1002</p> <p>and</p> <p>Discharge Code = 1, 6, 7, 8, 81, 86</p> <p>and</p> <p>(Bill Type Code UB = 0180-0185, 0187, 0188, 0210-0215, 0217, 0218, 0220-0225, 0227, 0228, 0280-0285, 0287-0289, 0650, 0652-0655, 0657, 0658, 0660, 0662-0665, 0667, 0668, 0860, 0862-0865, 0867, 0868, 018F, 018G, 018H, 018I, 018J, 018K, 018M, 018O, 018X, 018Y, 018Z, 021F, 021G, 021H, 021I, 021J, 021K, 021M, 021O, 021X, 021Y, 021Z, 022F, 022G, 022H, 022I, 022J, 022K, 022M, 022O, 022X, 022Y, 022Z, 028F, 028G, 028H, 028I, 028J, 028K, 028M, 028O, 028X, 028Y, 028Z, 065F, 065G, 065H, 065I, 065J, 065K, 065M, 065O, 065X, 065Y, 065Z, 066F, 066G, 066H, 066I, 066J, 066K, 066M, 066O, 066X, 066Y, 066Z, 086F, 086G, 086H, 086I, 086J, 086K, 086M, 086O, 086X, 086Y, 086Z</p> <p>or</p> <p>Revenue Code = 0022, 0024, 0118, 0128, 0138, 0148, 0158, 0190, 0191, 0192,</p> |

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| | 0193, 0194, 0199, 0524, 0525, 0550, 0551, 0552, 0559, 0660, 0661, 0662, 0663, 0669, 1000, 1001, 1002)) |
| OR | |
| One Acute Inpatient visit with diagnosis code of Advanced Illness during the measurement year or one year prior to the measurement year. | <p>ICD10 Diagnosis Code = A8100, A8101, A8109, C250-C254, C257-C259, C710-C719, C770-C775, C778-C7802, C781, C782, C7830, C7839, C784-C787, C7880, C7889, C7900-C7902, C7910, C7911, C7919, C792, C7931, C7932, C7940, C7949, C7951, C7952, C7960-C7962, C7970, C7971, C7972, C7981, C7982, C7989, C799, C9100, C9102, C9200, C9202, C9300, C9302, C9390, C9392, C93Z0, C93Z2, C9430, C9432, F0150, F0151, F0280, F0281, F0390, F0391, F04, F1027, F1096, F1097, G10, G1221, G20, G300, G301, G308, G309, G3101, G3109, G3183, I0981, I110, I120, I130, I1311, I132, I501, I5020, I5021, I5022, I5023, I5030, I5031, I5032, I5033, I5040, I5041, I5042, I5043, I50810, I50811, I50812, I50813, I50814, I5082, I5083, I5084, I5089, I509, J430, J431, J432, J438, J439, J684, J8410, J84112, J8417, J9610, J9611, J9612, J9620, J9621, J9622, J9690, J9691, J9692, J982, J983, K7010, K7011, K702, K7030, K7031, K7040, K7041, K709, K740, K741, K742, K744, K745, K7460, K7469, L89000-L89004, L89006, L89009-L89014, L89016-L89026, L89029, L89100, L89101-L89104, L89106, L89109-L89116, L89119-L89124, L89126, L89129, L89130-L89134, L89136, L89139-L89144, L89146, L89149-L89154, L89156, L89159, L89200-L89204, L89206, L89209-L89214, L89216, L89219-L89224, L89226, L89229, L89300-L89304, L89306, L89309-L89314, L89316, L89319-L89324, L89326, L89329, L8940-L8946, L89500-L89504, L89506, L89509-L89514, L89516, L89519-L89524, L89526, L89529, L89600-L89604, L89606, L89609-L89614, L89616, L89619-L89624, L89626, L89629, L89810-L89814, L89816, L89819-L89894, L89896, L89899-L8996, N185, N186</p> <p>and</p> <p>(CPT Procedure Code = 99221-99223, 99231-99233, 99238, 99239, 99251-99255, 99291</p> <p>or</p> <p>Revenue Code UB = 0450, 0451, 0452, 0456, 0459, 0981, 0510, 0511, 0512, 0513, 0514, 0515, 0516, 0517, 0519, 0520, 0521, 0522, 0523, 0526, 0527, 0528, 0529, 0982, 0983</p> <p>or</p> <p>(Revenue Code = 0100, 0101, 0110-0124, 0126-0134, 0136-0144, 0146-0154, 0156-0160, 0164, 0167, 0169, 0170-0174, 0179, 0190-0194, 0199-0204, 0206-0214, 0219, 1000-1002</p> <p>and</p> <p>(Bill Type Code UB <> 0180-0185, 0187, 0188, 0210-0215, 0217, 0218, 0220-0225, 0227, 0228, 0280-0285, 0287-0289, 0650, 0652-0655, 0657, 0658, 0660, 0662-0665, 0667, 0668, 0860, 0862-0865, 0867, 0868, 018F, 018G, 018H, 018I, 018J, 018K, 018M, 018O, 018X, 018Y, 018Z, 021F, 021G, 021H, 021I, 021J, 021K, 021M, 021O, 021X, 021Y, 021Z, 022F, 022G, 022H, 022I, 022J, 022K, 022M, 022O, 022X, 022Y, 022Z, 028F, 028G, 028H, 028I, 028J, 028K, 028M, 028O, 028X, 028Y, 028Z, 065F, 065G, 065H, 065I, 065J, 065K, 065M, 065O, 065X, 065Y, 065Z, 066F, 066G, 066H, 066I, 066J, 066K, 066M, 066O, 066X, 066Y, 066Z, 086F, 086G, 086H, 086I, 086J, 086K, 086M, 086O, 086X, 086Y, 086Z</p> <p>or</p> <p>Revenue Code <> 0022, 0024, 0118, 0128, 0138, 0148, 0158, 0190, 0191, 0192, 0193, 0194, 0199, 0524, 0525, 0550, 0551, 0552, 0559, 0660, 0661, 0662, 0663, 0669, 1000, 1001, 1002))</p> |
| OR | |
| Dispensed dementia medication)) during the measurement year or one year prior to the measurement year. | NDC List = Dementia Medication List |

NUMERATOR:

For each woman who meets the denominator criteria, those who had at least one mammogram from 27 months prior to the end of the measurement year to the end of the measurement year

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| Mammogram performed (from 27 months prior to the measurement period to the end of the measurement period) | <p>CPT/HCPCS Procedure Code = 77055-77057, 77061-77063, 77065-77067, G0202, G0204, G0206</p> <p>or</p> <p>ICD9 Procedure Code = 8736, 8737</p> <p>or</p> <p>LOINC Code = 24604-1, 24605-8, 24606-6, 24610-8, 26175-0, 26176-8, 26177-6, 26287-3, 26289-9, 26291-5, 26346-7, 26347-5, 26348-3, 26349-1, 26350-9, 26351-7, 36319-2, 36625-2, 36626-0, 36627-8, 36642-7, 36962-9, 37005-6, 37006-4, 37016-3, 37017-1, 37028-8, 37029-6, 37030-4, 37037-9, 37038-7, 37052-8, 37053-6, 37539-4, 37542-8, 37543-6, 37551-9, 37552-7, 37553-5, 37554-3, 37768-9, 37769-7, 37770-5, 37771-3, 37772-1, 37773-9, 37774-7, 37775-4, 38070-9, 38071-7, 38072-5, 38090-7, 38091-5, 38807-4, 38820-7, 38854-6, 38855-3, 42415-0, 42416-8, 46335-6, 46336-4, 46337-2, 46338-0, 46339-8, 46350-5, 46351-3, 46356-2, 46380-2, 48475-8, 48492-3, 69150-1, 69251-7, 69259-0</p> |
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Exclusion Criteria (Optional):

Women with a previous bilateral mastectomy any time prior to or during the measurement year.

[Note: These exclusion criteria are optional. Therefore, they need to be applied after the numerator is calculated. This is because HEDIS guidelines specify that, when the optional exclusions are included, they apply only when the data indicate that the specified numerator service or procedure did not occur.]

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| History or occurrence of bilateral mastectomy any time prior to or during the measurement year | Any Diagnosis Code ICD10 = Z9013 or ICD9 Procedure Code = 8542, 8544, 8546, 8548 or ICD10 Procedure Code = 0HTV0ZZ |
| OR | |
| Unilateral mastectomy w/bilateral modifier any time prior to or during the measurement year. | CPT Procedure Code = 19180, 19200, 19220, 19240, 19303-19307 and Procedure Modifier Code = 50 |
| OR | |
| Previous right mastectomy any time prior to or during the measurement year Note: Right and Left mastectomy 14 days apart | (Any Diagnosis Code ICD10 = Z9011 or (CPT Procedure Code = 19180, 19200, 19220, 19240, 19303-19307 and Procedure Modifier Code = RT) or ICD10 Procedure Code = 0HTT0ZZ) |
| AND | |
| Previous left mastectomy any time prior to or during the measurement year | (Any Diagnosis Code ICD10 = Z9012 or (CPT Procedure Code = 19180, 19200, 19220, 19240, 19303-19307 and Procedure Modifier Code = LT) or ICD10 Procedure Code = 0HTU0ZZ) |

CONTINUOUS ENROLLMENT:

Members continuously enrolled with medical coverage from 27 months prior to the end of the measurement year to the end of the measurement year, with no more than one 45-day gap in coverage per year during the measurement year and the year prior to the measurement year. No gaps in enrollment are allowed from 27 months prior to the end of the measurement year to 24 months prior to the end of the measurement year. Patients must be enrolled on the last day of the measurement year (anchor date).

MEASURE BACKGROUND:

Breast cancer is the most common non-skin cancer and the second-deadliest cancer for women in the United States. Approximately 230, 000 women in the U.S. are diagnosed with invasive breast cancer every year.

There is more scientific evidence supporting the screening for breast cancer than for any other cancer. The relevant issues mentioned about breast cancer screening include the method of screening, the age to begin, the age to stop, and the frequency of screening. With respect to the method of screening, mammography is the "gold standard". While several imaging technologies (e.g., MRI) are under study, current evidence is insufficient to recommend any of these technologies for general population screening. There is strong consensus for routine screening during the ages of 50 to 69. The benefits are not as clear for routine screening in women ages 40 to 49. The issues for screening women ages 40 to 49 revolve around the incidence of breast cancer, the cost-effectiveness of the study, the number of false positives and related additional mammography and biopsies, and the increased radiation exposure. The United States Preventive Services Task Force (USPSTF), the American College of Physicians, and the Canadian Task Force on the Periodic Health Examination recommend breast cancer screening to start at age 50 years, although many organizations, including the American Cancer Society, the American College of Radiology, the American Medical Association, the National Cancer Institute, the American College of Obstetricians and Gynecologists, and the National Comprehensive Cancer Network (NCCN) recommend starting at age 40 years for average-risk patients. The usual recommended interval is 1 to 2 years.

Most studies have included women up to age 69, so there is less data on when to stop screening. The consensus seems to be that breast cancer screening should be continued as long as a woman has a life expectancy of at least 5 years. The recent USPSTF guideline recommends mammograms until age 74 years. The HEDIS measure specifications are for screening ages 40 to 69 years.